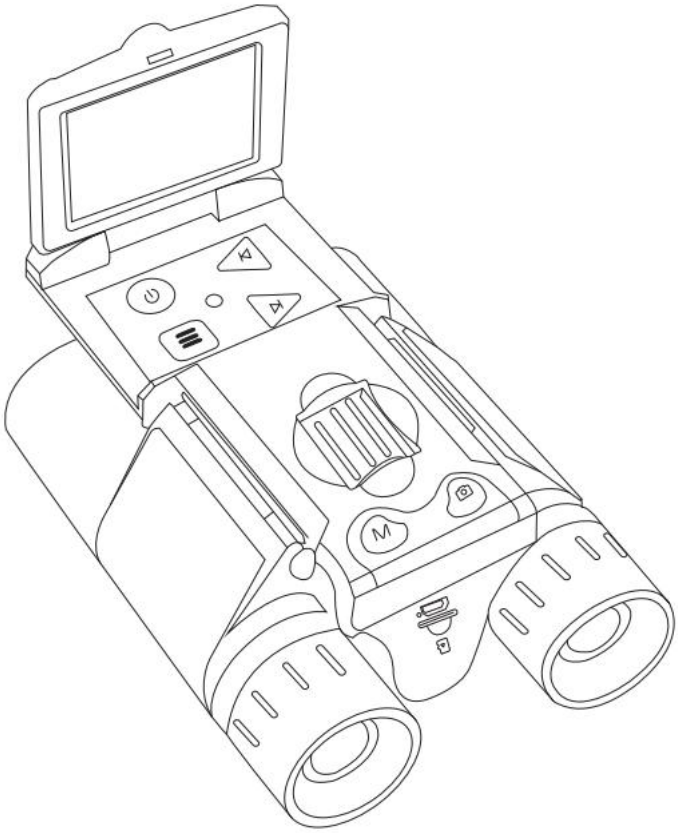
Digital Binocular User Manual



Please read this instruction manual carefully before using the instrument.

Care and maintenance

● Clean the product only with a dry or slightly damp, lint-free cloth. ● Do not use abrasive cleaners to clean the unit. ● Digital binocular is a high-precision optical instrument, so in order to avoid damage, please avoid the following practice:

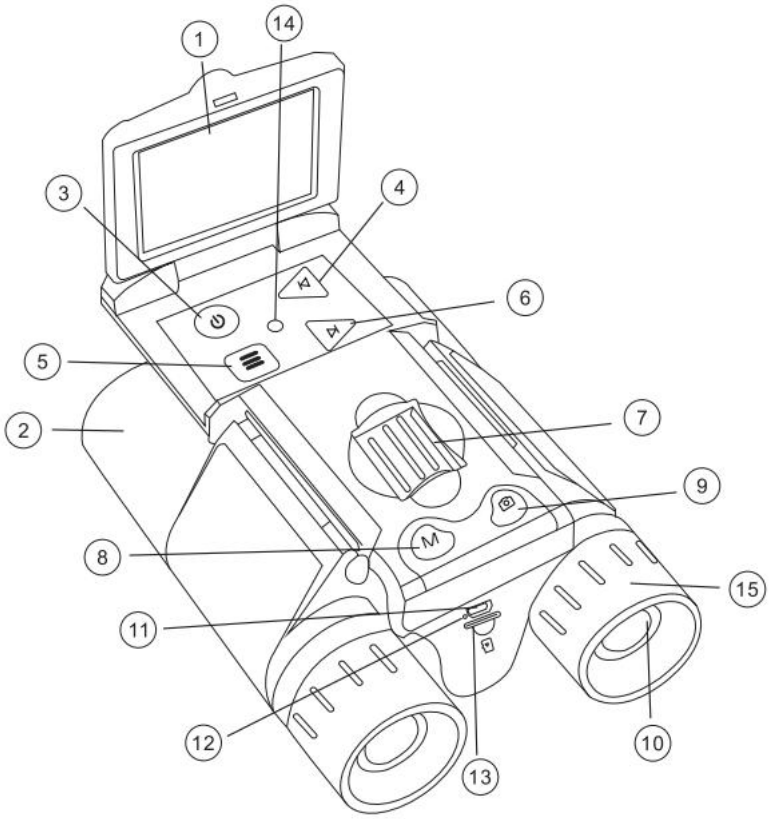
● Use the binocular in ultra-high or ultra-low temperature.

● Keep it or use it in moist environment for long.

● Use it in rainfalls or in water.

● Deliver or use it in strongly shocking environment.

Introduction



1. LCD Screen
2. Optical lens
3. Power on/off
4. Left Button (*Hold → Zoom in)*
5. Menu Button
6. Right Button (*Hold → Zoom out)*
7. Focus ring
8. Mode Button
9. Camera/OK Button
10. Eyepiece
11. Type-C USB Port
12. Led indicator
13. Micro SD Slot
14. Reset
15. Diopter Ring

How to Use the binocular

You can use binoculars like any other pair of binoculars. Place your eyes correctly against the rubber, adjust the spacing of the 2 vision tubes and use the dial located above to focus. You can also turn the dial directly on the right side viewfinder at the level of the rubber where you place your eyes.

How to use the digital recording camera

1. Charging the battery

Connect to the camera to the AC adaptor, using the dedicated USB cable supplied.
The camera can be charged by connecting the camera to a computer using the dedicated USB cable.
*Charging indicator: red light-charging, red light Off -fully charged.

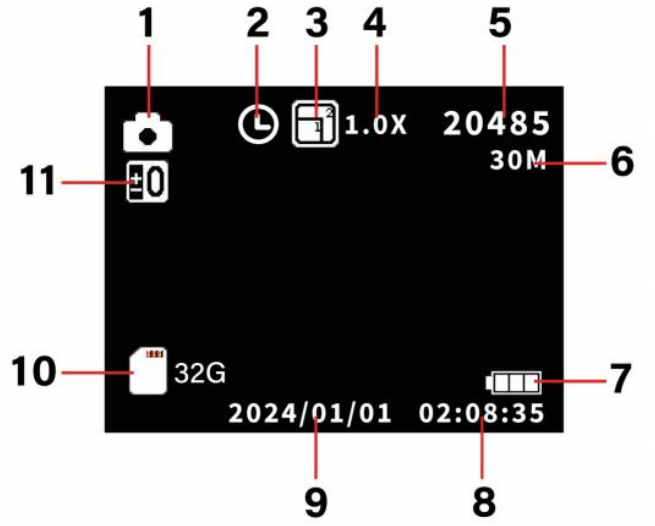
2. Inserting a memory card

Insert the Micro SD card into the Micro SD card slot.

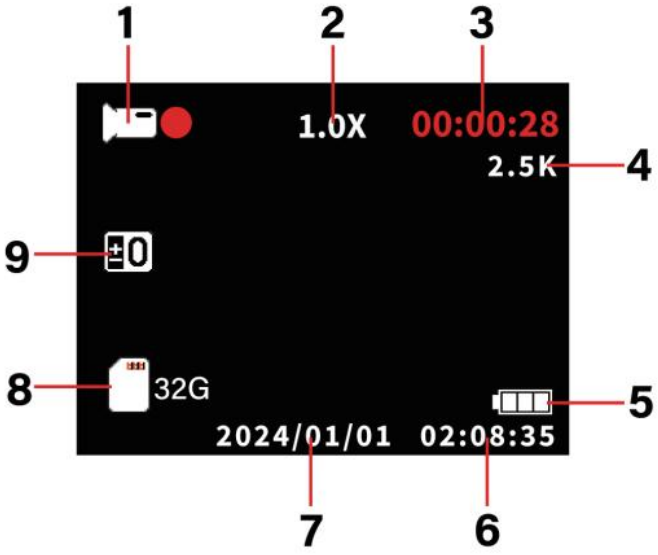
3. Turn on the Binocular

Press and hold the Power button (3) until the LCD screen turns on, the binoculars are ready to take photos or videos.
Important: Setting language and time! After turning on the binocular for the first time you should change the language (default is English) and time. You need to open the system settings by pressing the menu button (5) . Now use the Left (4) and Right (6) to navigate to “Language” and ”Date&Time” and press camera button (9)to open setting page , use the Left (4) and Right (6) button to navigate through the languages/ set Date&Time. Confirm and Exit by pressing the camera button (9)and return to the menu screen.

Select the mode
When the blue LED of the binocular is lit, press the Mode button (8) to switch between: **Video; Photo; Replay**



1)Photo Mode
2)Self Timer
3)Photo Burst
4)Zoom level
5)Photos Remaining
6)Photo Size(Resolution)
7)Battery Level
8)Current Time
9)Current Date
10)Memory Card Loaded
11)Exposure Value



1)Video Mode
2)Zoom level
3)Recording Time Elappsed
4)Video Size(Resolution)
5)Battery Level
6)Current Time
7)Current Date
8)Memory Card Loaded
9)Exposure Value

- In **video mode**: Press the camera button (9) to start shooting. Press again to stop filming.
- In **photo mode**: Press the camera button (9 to take a picture.
Press as many times as you want to take a photo.
- In **replay mode** use the Left (4) and Right (6) buttons to select the file you want to watch and press the Camera button (9) to play a video on the screen.

Note: For best picture quality, hold the binoculars firmly or use a tripod to stabilize during recording.

4. Turn off the Binocular

Press and hold the Power button (3) until the screen off.

5. Video settings

Turn on the binoculars,Press the Menu button (5) and then use the Left (4) and Right (6) buttons to navigate the resolution menu. Press the Camera button (9) to enter the sub-menus and set the video resolution ,press Camera Button to confirm your choices and exit settings, press the Menu button or Mode button to return to the normal screen:

Video Size	2.5K UHD 1080P FHD 1080P 720P
Loop Recording	Off 1 Minute 2 Minutes 3 Minutes 5 Minutes
Video Rate	Normal Slow Fast
Time Stamp	Off On

6. Photo settings

Turn on the binoculars, and select the photo mode.

Press the Menu button (5) and then use the Left (4) and Right (6) buttons to navigate the Photo menu. Press the Camera button (9) to enter the sub-menus and confirm your choices and exit settings, press the Menu or Mode button (8) to return to the normal screen:

Photo Menu	Sub Menu
Photo size	48M 30M 25M 20M 10M 8M 5M 3M
Self Timer	Off 2 Seconds 5 Seconds 10 Seconds
Photo Burst	Off 3 Photos

7. Replay settings

Turn on the binoculars, and select the replay mode.
Press the Mode button (8) to enter reply mode and then use the Left(4) or Right (6) buttons to navigate the photo or video file. Press the camera button (9) to replay the video, press the Menu button (5) and camera button (9) to delete the file ,press Mode button to return normal screen:

Delete	Delete Current Delete All	Cancel OK

8. Exposure Settings

This function can be automatically set to EVA when the light is sufficient. In low light conditions, EV can be adjusted from +2 to - 2, then adjust the peripheral light of the photographed object to achiev e the clearest state.
Turn on the binoculars, in Video or photo mode, press Menu button(8) ,use Left(4) or Right (6) buttons to navigate to exposure setting project,press Camera button(9) to enter exposure setting submenu.Set exposure value using Left(4) or Right (6) buttons,press camera button(9)to confirm setting and exit.

Exposure Value Setting	+2.0,+5/3,+4/3,+1.0,+2/3, +1/3,+0.0,-1/3,-2/3,-1.0,-4/3,-5/3,-2.0

9. System settings

Turn on the binoculars and press the Menu button (5) to open setting menu and then use the Left (4) or Right (6) button to navigate the menu. Press the camera button (9) to enter the sub-menus and confirm your choices. To exit settings, press the Menu button (5) or Mode button (8) to return to the normal screen:

Screen Brightness	1 2 3 4 5 6 7 8 level
Screen Saver	Off; 1 Minute; 2 Minutes; 3 Minutes
Auto Power-Off	Off; 1 Minute; 3 Minutes; 5 Minutes
Language	English,Japanese, French, Spanish, Portuguese, German,Korean, Italian, Chinese, Russian, Arabic
Volume	0 1 2 3 4 5 6 7 8 Level
Format Card	Cancel Format
Date/Time Set	Year/Month/Day Hour : minute:second
Restore Default	Cancel OK

- Connect to the PC

→Connect the camera to PC by using USB cable and turn on the camera, the PC can read the files in this camera.

10. Reset

When the product stops responding due to misuse or other unknown reasons and cannot be connected to a computer, please reset it by pressing the “Reset” button (14). The product stops and resets.

The recorded files on the MicroSD are not affected. Even the done settings are not influenced.

Specification

Magnification (X)	10
Effective diameter of objective lens(mm)	25
Angular field of view(real)(°)	5.8
Field of view at 1000m(m)	101M/1000M
Exit pupil (mm)	2.5
Eye relief(mm)	10
Close focusing distance(m)	6
Interpupillary distance adjustment(mm)	55-75
Digital Zoom	8X
Photo resolution	48M, 30M, 25M, 20M,10M, 8M, 5M, 3M
Video resolution	2.5K UHD,1080FHD,1080P,720P
Screen	2.0 inch IPS Screen
Language	English,Japanese, French, Spanish, Portuguese, German,Korean, Italian, Chinese, Russian, Arabic
Memory	Micro SD card, max to 128 GB
Port	Type-C USB port
Battery	Built-in Rechargeable Lithium Polymer battery